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**From:** Harrington, Jim (DEC) [jim.harrington@dec.ny.gov]  
**Sent:** 2/5/2016 8:57:14 PM  
**To:** Garbarini, Doug [Garbarini.Doug@epa.gov]; Schick, Robert (DEC) [robert.schick@dec.ny.gov]; Ed Hannon (Edward.Hannon@ngc.com) [Edward.Hannon@ngc.com]; Fly, Lora B CIV NAVFAC MIDLANT, IPTNE [lora.fly@navy.mil]; Frank Koch [FKoch@sewater.com]; gary loesch (loesch@h2m.com) [loesch@h2m.com]; mboufis@bethpagewater.com; Ryan, Michael (DEC) [michael.ryan@dec.ny.gov]; mike wolfert [Mike.Wolfert@arcadis.com]; pgranger@h2m.com [Pgranger@h2m.com]; Mannino, Pietro [Mannino.Pietro@epa.gov]; rhumann@h2m.com; richard.mach@navy.mil; sfwdralph@gmail.com; stan carey [scarey@massapequawater.com]; McCabe, Catherine [McCabe.Catherine@epa.gov]  
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**Subject:** Radium Data  
**Attachments:** Navy and NGC Wells GW Sampling results for Radium 226.pdf; Navy and NGC Wells GW Sampling results for Radium 226+Radium 228.pdf; Navy and NGC Wells GW Sampling results for Radium 228.pdf; Radium 226 +Radium 228 Around GM-38 Area.pdf; Water Districts and Nassau County Wells GW Sampling results for Radium ....pdf; Water Districts and Nassau County Wells GW Sampling results for Radium ....pdf; WELLS PROPOSED FOR RADIUM SAMPLINGMAP.PDF; DEC Radium 226 + 228 Results.xlsx

As promised at Tuesday's coordination meeting, attached is all of the radium data that we have. This data includes the sampling effort conducted last fall at a number of wells throughout the plume and wells as some data from GM-38 collected in 2013. Northrop Grumman sampled a number of wells beyond the ones that DEC identified but that data has not been received by DEC yet. (We anticipate receiving it in the next week or so). The excel spreadsheet is a tabular presentation of the data (one tab for the 2015 effort and another for the 2013 GM-38 effort). There are a number of figures. One set identifies supply wells, county wells separately from the rest) with the data in different forms ( Radium 226 alone, Radium 226 + Radium 228, GM 38 sampling locations). A second identifies data in the different forms for DEC identified wells other than supply and county. Lastly there is a figure showing all well locations. Please contact me if you have questions. Jim H